

1. Title	Design sanitary fittings and appliances									
2. Code	EMPDDE406A									
3. Range	Design several appropriate options of sanitary units for plumbing according to customer's requirements.									
4. Level	4									
5. Credits	4									
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <table border="0"> <tr> <td style="vertical-align: top;">6.1</td> <td style="vertical-align: top;">Understand all kinds of sanitary units</td> <td style="vertical-align: top;">◆ Understand all kinds of sanitary units and their construction and operating principles, including the toilet seat, wash hand basin and bathtub</td> </tr> <tr> <td style="vertical-align: top;">6.2</td> <td style="vertical-align: top;">Design sanitary fittings and appliances</td> <td style="vertical-align: top;">◆ Provide options of combinations/units according to customer's requirements ◆ Be familiar with the existing regulations on plumbing and drainage to ensure that the design complies with the requirements</td> </tr> <tr> <td style="vertical-align: top;">6.3</td> <td style="vertical-align: top;">Professionalism in designing sanitary fittings and appliances</td> <td style="vertical-align: top;">◆ Work out a design complying with technical requirements according to legal requirements, professional code of practice and specified conditions</td> </tr> </table>	6.1	Understand all kinds of sanitary units	◆ Understand all kinds of sanitary units and their construction and operating principles, including the toilet seat, wash hand basin and bathtub	6.2	Design sanitary fittings and appliances	◆ Provide options of combinations/units according to customer's requirements ◆ Be familiar with the existing regulations on plumbing and drainage to ensure that the design complies with the requirements	6.3	Professionalism in designing sanitary fittings and appliances	◆ Work out a design complying with technical requirements according to legal requirements, professional code of practice and specified conditions
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7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to design all kinds of sanitary units according to customer's requirements, relevant specification and standards.</p>									
8. Remarks	The credit value of this unit of competency is set on the presumption that the person already possesses basic plumbing design knowledge.									